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04/86

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,318

FILMED

04/86

ASSESSMENT WORKS DONE in 1984-1985

SUMMIT CLAIMS Nos 5,6,7,8.

LOCATION: New Westminster Mining District.
Map: M 92G/1E. S-E, Corner.

LATITUDE: 49° 03' N. (approx)

LONGITUDE: 122° 07' W. "

OWNER OF CLAIMS: R. Trifaux.

AUTHOR OF REPORT: R. Trifaux.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,318

Assessment Works Presentation

Year 1984-1985

on

SUMMIT

CLAIMS no5,6,7,8.

NEW Westminster Mining District, British Columbia.

by R. Trifaux, -308,751, Clarke Road, Coquitlam, B.C.

FMC:TRIFR.

Claims Summit no 5-Tag 523415M

Summit no 6-Tag 523416M

Summit no 7-Tag 523417M

Summit no 8-Tag 523418M

SUMMIT CLAIMS, ASSESSMENT WORKS REPORT 1984-1985

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Summit Claims. Assessment works 1984-85

INTRODUCTION:The Summit claims are situated on the Vedder Mountain(Map M92G/1E);the Mountain is localized in the Chilliwack Provincial Forest. TP22,ECM.Part of it is situated in the Abbotsford District Municipality, and the Chilliwack Municipality.From Cultus Lake,in the Cultus Provincial Park,one has a very good view of the areas.

The Department of Land and Forests is doing a huge reforestation project, on the South part of the Mountain,the Cedar trees have been planted and are growing,it is quite a success.

As I stated in my assessment works of 1981-1982,I found several greisen bodies and veins in place and also quite an extensive display of granites and crystallized black schists.

I found approximately the same display of rocks in Africa where beryls were found with muscovite,pegmatites,granites.

A new geochemical survey done on claims 5,6,6,8,and surroundings,samples taken in boulders,in hardpan,in veins situated on the claims gave some indication for beryllium environment.The presence of W and Sn in the analyses are a good indication for the possible presence of beryllium.

To reach the Summit claims,one takes the highway no1,from Vancouver,to Abbotsford.From Abottsford one continues to the intersection of the no1 highway with the Yarrow village road,passes through Yarrow and turn right on the Cultus Lake road.After 2 miles of driving there is a road which is going to the top of the Vedder Mountain.The acces is arid and the road is an old logging road.

Reaching the top,one drives 15 km approximately in a westerly direction, and reaches the claims 5,6,7,8.Some indications of mileage exist on the road,but the signs are erratic and confusing.

The claims are situated South-West of the Vedder summit point shown on the topographical map,45oSW.bearing from the said point approximately.

The Department of Lands and forest is clearing what is called the Forestry road which will give better access to the mountain and the claims. The small logging roads are still the same,no improvments have been done on them since 1982.The culvert of creek no 2 has been replaced and can receive a biggest flow of water which is good for the road.

Less peoples are coming to cut fire wood on the sites of the Mountain.

The South West road which goes in the Vedder River flat,is in very poor shape and the access to the Vedder Mountain from that side is quite impossible with a car.Four wheels drive are required.

The presence of granites,(pegmatites?) on the Mountain in several areas and the floats of tourmaline(Boron) convey to the possibility of hidden bodies of beryllium.The geological formations and the presence of several minerals are concordant with the development of the mineral fluorite which insure extraction and removal of beryllium from the magma.

We found fluorescent rocks in several areas of the prospect and the persistence of this fluorescent showings is an indication of the definite possibility of beryllium occurences.

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Summit claims, Assessment works 1984-85.

a) Geological. (continued)

In the black crystalline schist fluorescence has been widely detected and it is not calcite, no response with HCl.

We found a lot of fluorescent rocks in one part of the mountain which came from calcite.

Competent rocks of granite and extensive magnetite occur on the sites, the magnetite contain SnO_2 . Some low values of columbite and tantalite have been observed in the geochemical analyses.

The nature of the greisens is the one with a multitude of small veinlets with fluorescence in them, the veinlets are showing the way the rocks were fractured. All the formations are steeply dipping.

Quartz hematite and quartz topaz floats are easily located on the sites.

Overburden in some places is heavy, and forbid to see the continuation of the bodies.

To summarize:

Our research permitted us to find the following:

- 1-Quartz.
- 2-Quartz with mica (muscovite).
- 3-Fluoritic veinlets.
- 4-Scheelite or wolframite (Wppm in analyses).
- 5-magnetites with SnO_2 in them.
- 6-zirconium.
- 7-miscellaneous sulfides.
- 8-quartz with hematite.

We cannot execute a preliminary evaluation of beryllium at this stage the values in the geochemical analyses are too low, but they are consistent and are marking all the elements which are always encountered in such type of deposits. (beryllium).

There is a possibility that the contact with the granitic bodies bearing the beryllium occurrences is much further east - North east in the Nami claims.

We didn't analyze the magnetites for beryllium, and sometimes they contain the metal. Such analysis will be done.

We took the claims sites to find the beryllium because of their closeness with the granites. Anyway we found a very favourable criterion by the discovery of the presence of the following: fluorite, topaz in the rocks.

Wolframite, cassiterite, molybdenum, and bismuth

We also found a positive prospection feature of basic and ultra-basic rocks (gabbro, amphibolites) that are suitable of large size pegmatites. As yet we didn't see the nature of the enclosing rocks at the contact of the granites, nor the aureole enclosing the granites. More research will be done. Erosion has not been deep enough and the presence of overburden do not facilitate such works in this area.

Geological mapping Good exposures of the formations exist on the South-west road going in the Vedder river flat. (see map).

Summit claims. Assessment works 1984-85.

B-GEOCHEMISTRY. Commentaries on the geochemical surveys and miscellaneous items on beryllium.

I submitted 24^{7 p D} samples to Min-En Laboratories Ltd, in Vancouver. 15 of them were analyzed by I.C.P. (27 elements) and 9 for total Major Geochem (26 elements).

The total number of analyses has been 639; they were done to try to know the nature of the formations on the claims and especially trace the acidic composition of the rocks for the presence of beryllium.

In the geochemistry of beryllium the principal conditions necessary for favouring Be concentration are:

- 1-High fluorine content in the magma.
- 2-A relatively low concentration of silicon in the skarn deposits.
- 3-The (helvite-danalite) beryllium occur in an environment with high concentrations of iron and manganese at the contact between beryllium bearing granites and limestones.
- 4-The very characteristic associates of the minerals of the group in the contact metasomatic zones are magnetite and fluorite.
- 5-Phenacite and chrysoberyl, in the skarns, are intimately associated with fluorine and hydrothermal solutions with limestones.

We have discovered and traced occurrences of rocks (greisen) which contain good shows of fluorite on claims 5,6,7,8.

We also observed concentrations of iron and manganese, but the manganese is not prevalent like the iron in the samples analyzed.

In one area we have encountered high concentration in magnetite in the sands also in the harpan samples analyzed and reported in this report.

The fluorescences have been remarkable in the many veinlets samples taken in the acidic rocks (the fluorescence does not come from calcite because the rocks do not respond to HCl.). But even with the fluorine showings, Be values are in general weak, although some of them are anomalous.

We have values 0.001 or 9ppm. If one refers to a table of elements distribution, beryllium is quoted as:

- 2.8 ppm in the earth crust.
- .2 ppm in granodiorite.
- .05ppm in basalts.
- 5.0 ppm in granites.
- 3.0 ppm in shale.
- 1.0 ppm in limestone.

9ppm is anomalous but will not be considered as a very good indication in our study. The values encountered are showing continuity of the presence of Be metal on the mountain.

The values shown by I.C.P. (27 elements) are lower than the ones in the total analyses.

The main minerals observed by the geochemical analyses are quartz, muscovite, black tourmaline (1 sample), iron, manganese, fluorite, hematite, magnetite and calcite.

.. / ...

Summit claims. Assessment works 1984-1985.

GEOCHEMISTRY-Commentaries.(continued).

The rare metals accompanying the formations are:columbite or tungsten, lithium,Sno2,wolframite,moly,but no commercial values have been discovered.

Illmenite,iron,magnetite are highly present in the substratum of the Nami claims which are directly situated north of the Summit cl,5,6,7,8.

The presences of wolfram,bismuth,moly,cassiterite and niobium with a few anomalous values are encouraging in this search for Be.

From what has been observed at this stage,the formations are not pegmatitic.But the positive features which allow me to expect Be.minerals to be present in the greisens and the veins is the pertinent showings which accompany the Be minerals and concentrations of such beryllium minerals,in the non-pegmatitic deposits i.e.:fluorite,muscovite,wolframite Sno2,columbium and tungsten.

We are not finding any predominant vesuvianite which sometimes has a negative effect on wide occurrences of Be minerals.We found vesuvianite in a mountain east of the Vedder mountain,but not in wide showings.

The presence of Beryllium may exists in the granite formation at a lower level in the mountain.With the values of Tin and W & Nb which are good, the environment remains the one responsive to Be minerals.

The fluorescences which are quite numerous and very often seen in the samples is elusive in our search;at first it was the main element we were looking for as indicative of the possible presence of Be,but we are questioning the lack of good samples which contain fluorine and noBe.??

We know that in some deposits,at a depth of 25 to 35 or so meters from th surface,the granites(pegmatites?)form a swell whose tickness(at a depth of 45 to 50 meters from the surface) is more than 60 meters,which often contains pockets of beryllium.

We witnessed the phenomenon in a pegmatitic deposit of tin,wolframite, and beryl minerals in Ruanda,we followed the deposit 32 m along the dip.

The hardpans in claim 6,are high in silver,show 33ppm in boron which is associated with this type of Be.deposits,hig in bismuth,high in Be with approximately 60ppm.(.01%)

The harpans are black,hard,solid,sometimes difficult to brake,with some carboniferous matters,smell oily..In previous analyses Sno2 had values up to .03% or 274ppm.which is anomalous.

SNO2. The values of Sn are steady from .001 to .005.

.001 = approx 9ppm.

.005 = approx 45 grams,which is anomalous in places in total analysis.

Nb. .01 or less than 91 ppm.The average ppm in rocks is 20ppm,so the values encountered in some areas are anomalous.

Wolfram:

0.01 to .015 or 90ppm average,highly anomalous in total analyses.

../...

GEOCHEMISTRY.(continued).

SiO₂. the rocks analyzed are generally high acidic elements which is important in the search for Be. Also wolframite, bismuth, niobium, tantalum respond to highly acidic rocks.

Bismuth: .15 average in rocks except granite which has 0.1. In shale .18 ppm.

The values encountered in our analyses from 1 to 6ppm, 9, 12, 13, 14 ppm are thus highly anomalous, in ICP, analyses.

LITHIUM: is always present in ICP, analyses, but hardly anomalous.

The existence of multi-metalliferous formations is a good environment.

Note: all the samples have been washed with soap to eliminate any impurity before the checking of the rocks for fluorescence.

All have been marked for the Laboratory.

CONCLUSION:

The conclusion of the survey which is not showing any outstanding results is far of being negative. The results as far as I am concerned are very positive in some areas, and overburden forbid the checking of any continuity.

More works should be done in the future. Trenching with a backhoe should be done to remove the cubages of overburden.

Also the harpans should be more exposed in depth by mechanical trenching. More minerals are enclosed in the hardpan than Be minerals.

b-Geochemical: Total analyses.

Samples	BE	Nb	Ti	W	Zr	Cu	Mo	Ni	Pb	V	Zn	SiO2	CaO	SN	
Min-En															Greisen +
7-85	.001	.01	.08	.015	.010	.005	.005	.005	.005	.001	.005	90.44	.17	.001	hematite cl8
8-85	"	"	.94	.01	.01	.001	.001	.02	"	.015	.001	64.54	5.02	"	Greisen cl7
9-85	"	"	.15	.015	.05	"	"	.005	"	.005	.005	86.44	.41	"	Gr+hema. Cl5
10-85	"	"	.81	.010	.010	"	.005	"	"	.02	.01	62.87	11.72	"	Gr+veinl. Cl6
11-85															see below
12-85															"
13-85	"	"	.02	.010	"	.005	"	"	"	.005	"	64.28	19.34	.061	Greenr. Cl5
14-85	"	"	.57	.01	"	.001	"	"	.01	"	.005	69.31	4.64	.001	Granit. n. cl7
15-85	"	"	.33	.01	.005	"	"	.01	"	"	"	74.37	1.98	"	Congl. cl7
16-85															see below.
25-85	"	.01	1.42	.015	.015	.005	.001	.001	.015	.015	.005	549.78	8.57	.005	(Cariboo)
26-85	"	"	.02	.005	.001	"	.005	.005	.035	.001	"	46.98	29.14	.001	"
27-85	"	"	1.63	.015	.02	.001	.001	.015	.005	.03	"	53.42	3.71	.005	"
28-85	"	"	.54	"	"	"	.005	.005	.025	.005	"	67.26	2.90	.001	Claim 6GR
29-85	"	"	.55	"	.01	.015	.001	"	.001	.015	"	64.51	5.07	.001	claim 5

I.C.P. Analyses: 27 elements.

Elements	AG	As	B	Be	Bi	Cd	Co	Cu	Li	Mo	Ni	Pb	V	Zn	
2-85	.6	6	1	1	4	.5	7	6	29	1	1	9	31	62	gran. cl6.
3-85	.5	1	1	1	3	.5	5	6	27	1	1	6	27	40	gran. cl.7
4-85	1.5	17	7	.6	5	.2	34	63	1	1	56	11	75	73	Cariboo.
5-85	.3	14	14	.8	2	.1	2	24	1	2	12	17	16	25	Greisen them.
1-85	.2	1	1	1	1	.6	2	3	19	1	1	13	9	29	gran. cl6.
11-85	.5	25	25	.2	3	.6	17	71	1	2	64	15	22	11	Culv. creek 2
12-85	2.5	1	1	1	13	.1	25	85	4	1	29	1	87	35	Green r. outc
															crop.

Note: in these I.C.P. analyses we are reporting the 14 most important minerals which are associated with our search for beryllium, only.

The others like u, Th, Sr, Sb, P, Na, Mn, Mg, K, Fe, Ca, Al, of course are all shown in the geochemical report from the Laboratory.

	BE	Nb	Ti	W	Zr	Cu	Mo	Ni	Pb	V	Zn	SiO2	Sn	
31-85	.001	.01	.77	.01	.01	.005	.005	.025	.02	.02	.01	59.81	.05	Cariboo.
32-85	.001	.01	.78	.01	.01	.001	"	.01	.02	.02	.01	64.59	.005	Cl.6 vedder.

b-Geochemical: Total analyses.

Samples	BE	Nb	Ti	W	Zr	Cu	Mo	Ni	Pb	V	Zn	SiO2	CaO	SN	
Min-En															Greisen +
7-85	.001	.01	.08	.015	.010	.005	.005	.005	.005	.001	.005	90.44	.17	.001	hematite cl8
8-85	"	"	.94	.01	.01	.001	.001	.02	"	.015	.001	64.54	5.02	"	Greisen cl7
9-85	"	"	.15	.015	.05	"	"	.005	"	.005	.005	86.44	.41	"	Gr+hema. Cl5
10-85	"	"	.81	.010	.010	"	.005	"	"	.02	.01	62.87	11.72	"	Gr+veinl. Cl6
11-85															see below
12-85															"
13-85	"	"	.02	.010	"	.005	"	"	"	.005	"	64.28	19.34	.061	Greenr. Cl5.
14-85	"	"	.57	.01	"	.001	"	"	.01	"	.005	69.31	4.64	.001	Granit. n. cl7
15-85	"	"	.33	.01	.005	"	"	.01	"	"	"	74.37	1.98	"	Congl. cl7.
16-85															see below.

25-85	"	.01	1.42	.015	.015	.005	.001	.001	.015	.015	.005	54.78	8.57	.005	(Cariboo)
26-85	"	"	.02	.005	.001	"	.005	.005	.035	.001	"	46.98	29.14	.001	"
27-85	"	"	1.63	.015	.02	.001	.001	.015	.005	.03	"	53.42	3.71	.005	"
28-85	"	"	.54	"	"	"	.005	.005	.025	.005	"	67.26	2.90	.001	Claim 6
29-85	"	"	.55	"	.01	.015	.001	"	.001	.015	"	64.51	5.07	.001	claim 5

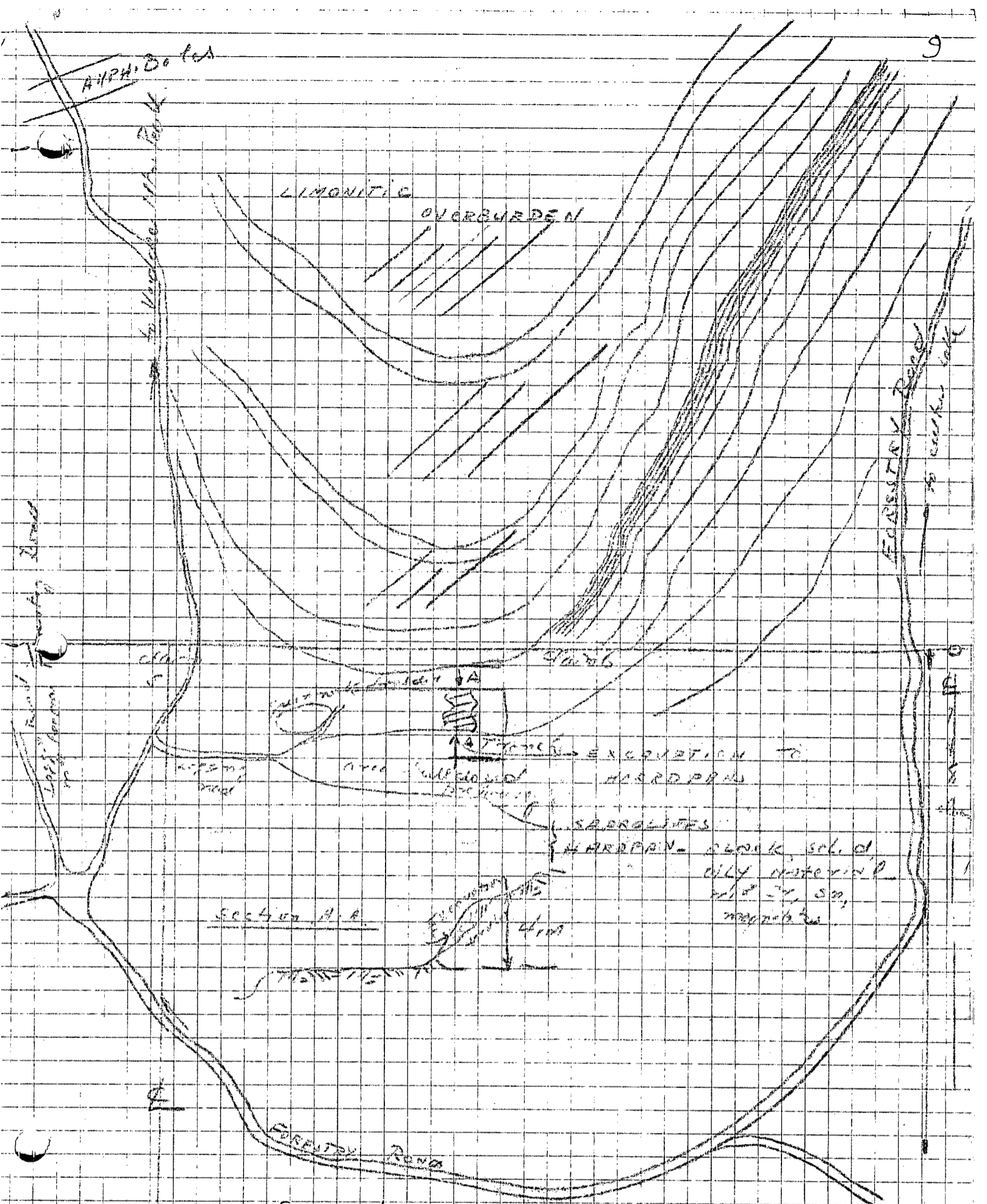
I.C.P. Analyses: 27 elements.

Elements	AG	As	B	Be	Bi	Cd	Co	Cu	Li	Mo	Ni	Pb	V	Zn	
2-85	.6	6	1	1	4	.5	7	6	29	1	1	9	31	62	gran. cl6.
3-85	.5	1	1	1	3	.5	5	6	27	1	1	6	27	40	gran. cl.7
4-85	1.5	17	7	.6	5	.2	34	63	1	1	56	11	75	73	Cariboo.-
5-85	.3	14	14	.8	2	.1	2	24	1	2	12	17	16	25	Greisen them.
1-85	.2	1	1	1	1	.6	2	3	19	1	1	13	9	29	gran. cl6.
11-85	.5	25	25	.2	3	.6	17	71	1	2	64	15	22	11	Culv. creek 2.
12-85	2.5	1	1	1	13	.1	25	85	4	1	29	1	87	35	Green r. outcrop.

Note: in these I.C.P. analyses we are reporting the 14 most important minerals which are associated with our search for beryllium, only.

The others like u, Th, Sr, Sb, P, Na, Mn, Mg, K, Fe, Ca, Al, of course are all shown in the geochemical report from the Laboratory.

31-85	.BE	Nb	Ti	W	Zr	Cu	Mo	Ni	Pb	V	Zn	SiO2	Sn	
	.001	.01	.77	.01	.01	.005	.005	.025	.02	.02	.01	59.81	.05	Cariboo.
32-85	.001	.01	.78	.01	.01	.001	"	.01	.02	.02	.01	64.59	.005	Cl.6 vedder.



SUMMIT claims 6, 7.
 SKETCH SHOWING location of
 WORK DONE at Summit of 507 dike

CON. LIMONITE = 6 in. x 10 in.
 clay - 1/2 x 1/2 in. = 1/2 in. x 1/2 in.

NO SCALE June 28 - 1925

[Handwritten signature]

Summit Claims 5,6,7,8,Assessment works 1984-1985.

Total Cost Statement for 1984-1985,on the above claims on Vedder Mountain

Items nos	Descriptions.	:	:
1	: Time on project. 791/2 hours x 12,00\$=.....	:	: 954,00.
2	: Mileage. 2000kms : 1,7=1176kms x 0,35=.....	:	: 411,60.
3	: Meals. 2 mealsx 5,00=.....	:	: 100,00.
4	: Costs of geochemical reports and assays from Min-En Laboratory.....	:	: 345,00.
5	: <u>Miscellaneous expenses:</u>	:	:
	: 1-Washing samplew ,samples preparation for Lab.	:	: 36,00
	: 2-Observations of samples for fluorescences with the Mineral lighths.....	:	: 72,30
	: 3-Trips to Lab.70 miles x 0,35=.....	:	: 22,50
	: 4-Tool-New Altimeter.Elden Exploration Vancouver.....	:	: 53,00
	: 5-Claims records of assessment.....	:	: 40,00
	: Total.....	:	: <u>223,80</u>
	: Report-Stationary-Time,,maps ,sketches etc....	:	: 369,40
	: Grand total.....	:	: 2403,80

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project 9 Date of report April 19, 1985.

File No. 5-113 Date samples received April 17, 1985.

Samples submitted by: Mr. Trifaux

Company: Trifco Minerals Ltd.

Report on: 12 rocks assay prep Geochem samples

Assay samples

Copies sent to:

1. Trifco Minerals Ltd., Coquitlam, B.C.
2. _____
3. _____

Samples: Sieved to mesh _____ Ground to mesh -100

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: 27 ICP Analysis. Major 26 analysis.

Remarks: _____

COMPANY: TRIFCO MINERALS LTD.
 PROJECT NO: 9
 ATTENTION: MR. TRIFAUX
 (VALUES IN PPM)

MIN-EN LABS ICP REPORT
 5 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M
 (604)980-5814 OR (604)988-4524

(ACT:GEO27) PAGE 1 OF 2
 FILE NO: 5-113
 DATE: APRIL 19, 1985
 * TYPE ROCK GEOCHEM *

	MIN-1-85	MIN-2-85	MIN-3-85	MIN-4-85	MIN-5-85	MIN-11-85	MIN-12-85
AG	.2	.6	.5	1.5	.3	.5	2.5
AL	3830	10360	7000	14030	11520	20850	28110
AS	<1	6	1	17	14	25	<1
B	25	1	<1	7	5	9	18
BA	69	261	197	34	15	12	31
----- 14089 -----							
BE	<.1	<.1	<.1	.6	.8	.2	<.1
BI	1	4	3	5	2	3	13
CA	810	2860	1900	9160	12130	12900	52410
CD	.6	.5	.5	.2	.1	.6	<.1
CO	2	7	5	34	2	17	25
----- 9139.8 -----							
CU	3	6	6	63	24	71	85
FE	12610	25350	22800	80620	14890	14720	59270
K	1380	3550	2820	930	10	50	320
LI	19	29	27	<1	<1	<1	4
MG	1860	5110	4720	24020	3060	16000	17090
----- 105634 -----							
MN	219	290	255	831	288	139	422
MO	1	1	1	<1	2	2	<1
NA	470	1700	720	1710	10	280	80
NI	1	1	1	56	12	64	29
P	110	340	340	1410	100	10	250
----- 4008 -----							
PB	13	9	6	11	17	15	<1
SB	<1	<1	<1	<1	2	5	<1
SR	7	45	19	85	11	53	47
TH	4	<1	<1	<1	1	<1	<1
U	1	2	<1	4	7	7	<1
----- 102 -----							
V	9.1	31.0	27.9	75.0	16.8	22.4	87.9
ZN	29	52	40	73	25	11	35
----- 148 -----							

PROJECT NO: 9

5 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M

FILE NO: 5-113

ATTENTION: MR. TRIFAUX

(604)980-5814 OR (604)988-4524

DATE: APRIL 19, 1985

(VALUES IN %)

* TYPE ROCK GEOCHEM *

	MIN-7-85	MIN-8-85	MIN-9-85	MIN-10-85	MIN-13-85
AL2O3	1.51	11.97	3.13	15.81	.49
BA	.015	.015	.455	.015	.005
BE	<.001	<.001	<.001	<.001	<.001
CaO	.17	5.02	.41	11.72	19.34
CR2O3	.04	.05	.05	.02	.03
FE2O3	1.29	14.64	4.01	6.32	.68
K2O	.20	.08	.74	.02	.02
MgO	.73	3.13	.97	2.17	.64
MNO2	.05	1.40	.60	.17	.09
NA2O	.04	1.17	.16	1.48	.04
NB	<.01	<.01	<.01	<.01	<.01
P2O5	.08	.24	.08	.21	.03
RB	<.01	.02	.02	.02	.03
SiO2	90.44	64.52	86.44	62.87	64.28
SN	<.001	<.001	<.001	.005	<.001
SR	<.01	<.01	<.01	<.01	.06
TiO2	.08	.94	.15	.81	.02
W	.015	.010	.015	.010	.010
ZR	<.001	.010	.005	.010	<.001
CO	.005	.005	.005	.005	.005
CU	.005	<.001	.025	<.001	.005
MO	.005	<.001	<.001	.005	.005
NI	.005	.020	.005	.005	.005
PB	.005	.005	.005	.005	.005
V	<.001	.015	.005	.020	.005
ZN	.005	<.001	.005	.010	.010

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project 9 Date of report April 24, 1985.

File No. 5-123 Date samples received April 22/85.

Samples submitted by: Mr. Trifaux

Company: Trifco Minerals Ltd.

Report on: 8 rocks assay prep Geochem samples

..... Assay samples

Copies sent to:

1. Trifco Minerals Ltd., Coquitlam, B.C.
2.
3.

Samples: Sieved to mesh Ground to mesh -100

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: Major 26 ICP. ICP 27.

Remarks:

PROJECT NO: 9

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7V 2

FILE NO: 5-123R

ATTENTION: MR. TRIFAUX

(604)980-5814 OR (604)988-4524

DATE: APRIL 24, 1985

(VALUES IN PPM)

* TYPE ROCK GEOCHEM *

	MIN-16-B	MIN-17-B	MIN-18-B	MIN-19-B	MIN-20-B	MIN-21-B
AG	.4	2.3	1.7	.3	.3	.2
AL	4620	27350	25300	5590	4580	4110
AS	10	<1	6	12	9	16
B	<1	15	13	<1	<1	<1
BA	2277	100	110	5882	5346	5613
BE	<.1	<.1	<.1	.1	.2	.2
BI	1	9	6	1	<1	1
CA	1340	6060	6600	1110	2690	1340
CD	<.1	.1	<.1	.6	<.1	<.1
CO	4	19	11	5	4	4
CU	13	31	27	17	13	12
FE	15450	63020	48780	17360	14060	12500
K	950	1570	1060	870	720	860
LI	16	25	17	6	1	12
MG	3190	16860	13810	4250	3410	2920
MN	533	690	549	621	479	442
MO	<1	<1	<1	1	1	1
NA	<10	280	110	<10	<10	<10
NI	12	49	26	17	15	17
P	90	490	300	100	80	70
PB	15	1	5	21	12	20
SB	<1	<1	<1	<1	<1	<1
SR	34	30	43	69	82	69
TH	<1	<1	<1	<1	<1	<1
U	1	<1	2	3	3	<1
V	10.2	68.5	60.0	10.1	8.4	8.0
ZN	21	83	59	28	22	20

COMPANY: TRIFCO MINERALS LTD.

MIN-EM LABS ICP REPORT

(ACT:LI37EL) PAGE 1 OF 1

23

PROJECT NO: 9

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7W 1V2

FILE NO: 5-123R

ATTENTION: MR. TRIFAUX

(604)980-5814 OR (604)988-4524

DATE: APRIL 24, 1985

(VALUES IN %)

* TYPE ROCK GEOCHEM *

	MIN-14-8	MIN-15-8
AL2O3	16.52	7.53
BA	.055	.040
BE	<.001	<.001
CAO	4.64	1.98
CR2O3	<.01	.03
FE2O3	3.94	3.08
K2O	.95	1.06
MGO	1.58	1.30
MNO2	.29	.13
NA2O	3.49	1.42
NB	<.01	<.01
P2O5	.11	.09
RB	<.01	<.01
SiO2	69.31	74.37
SN	<.001	<.001
SR	.02	.02
TiO2	.57	.33
W	.010	.010
ZR	.010	.005
CO	.005	.005
CU	<.001	<.001
MO	.005	.005
NI	.005	.010
PB	.010	.010
V	.005	.005
ZN	.005	.005

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project 9 Date of report April 26, 1985.....

File No. 5-130 Date samples received April 24, 1985.....

Samples submitted by: Mr. Trifaux

Company: Trifco Minerals Ltd.

Report on: 3 rocks assay prep Geochem samples

..... Assay samples

Copies sent to:

1. Trifco Minerals Ltd., Coquitlam, B.C.
2.
3.

Samples: Sieved to mesh Ground to mesh -100

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: 27 element ICP.

Remarks:

COMPANY: TRIFCO MINERALS LTD.

PROJECT NO: 9

ATTENTION: MR. TRIFAUZ

(VALUES IN PPM)

MIN-EN LABS ICP REPORT

WEST 15TH ST., NORTH VANCOUVER, B.C. V7M

(604)980-5814 OR (604)988-4524

(ACT:GEO27) PAGE 1 OF 1

FILE NO: 5-130

DATE: APRIL 25, 1985

* TYPE ROCK GEOCHEM *

25

	22/85 HA RDPAN	23/85 HA RDPAN	24/85 BN EISS
AG	3.3	2.9	.9
AL	39820	41060	24970
AS	<1	<1	9
B	33	26	9
BA	239	255	202
BE	<.1	<.1	<.1
BI	14	12	1
CA	24830	23320	9480
CD	<.1	<.1	.3
CO	31	32	14
CU	64	66	63
FE	94060	91910	45500
K	1850	1930	2810
LI	6	8	<1
MG	20800	22230	9620
MN	969	963	981
MO	<1	<1	<1
NA	390	400	560
NI	100	114	33
P	580	510	1250
PB	15	4	85
SB	42	<1	229
SR	49	54	34
TH	<1	<1	<1
U	<1	<1	<1
V	137.7	130.7	47.4
ZN	76	76	78

Haipan cl 6,

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project 10-Vedo Date of report May 21, 1985.

File No. 5-155 Date samples received May 15, 1985.

Samples submitted by:

Company: R.Trifaux

Report on: 2 rocks assay prep Geochem samples

..... Assay samples

Copies sent to:

1. R.Trifaux, Coquitlam, B.C.
2.
3.

Samples: Sieved to mesh Ground to mesh -100

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: 26 major ICP. Geochem Ag-nitric, perchloric digestion.A.A., Au-aqua regia.A.A.

Remarks:

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

CERTIFICATE OF ASSAY

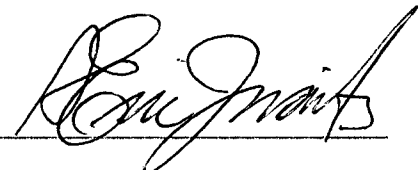
COMPANY: R. TRIFAU
PROJECT: 10-VEDO
ATTENTION: MR. TRIFAU

FILE: 5-155
DATE: MAY 17/85.
TYPE: ROCK ASSAY

We hereby certify that the following are assay results for samples submitted.

SAMPLE NUMBER	MAG %
MIN-EN 30/85 ✓	15.02

Certified by



MIN-EN LABORATORIES LTD.

COMPANY: R. TRIFAUX
PROJECT NO: 10-VEDO
ATTENTION: R. TRIFAUX
(VALUES IN %)

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:LI26) PAGE 1 OF 1 **28**
FILE NO: 5-155
DATE: MAY 21, 1985
* TYPE ROCK GEOCHEM *

	MIN-EN 3 1/85	MIN-EN 3 2/85
AL2O3	16.59	17.19
BA	.150	.035
BE	<.001	<.001
CAO	5.43	1.09
CO	.005	.005
CR2O3	.04	.03
CU	.005	<.001
FE2O3	6.61	7.79
K2O	1.43	1.09
MGO	6.89	3.68
MNO2	.15	.18
NO	.005	.005
NA2O	4.56	4.67
NB	<.01	<.01
NI	.025	.010
P2O5	.31	.15
PB	.020	.020
RB	.03	<.01
SI02	59.81	64.59
SN	.005	.005
SR	.13	<.01
TIO2	.77	.78
V	.020	.020
W	.010	.010
ZN	.010	.010
ZR	.015	.010

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

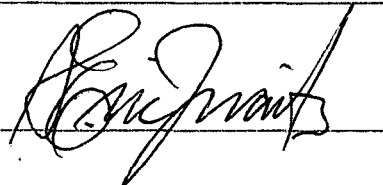
COMPANY: R. TRIFAUX
PROJECT: 10-VEDD
ATTENTION: R. TRIFAUX

FILE: 5-155
DATE: MAY 21, 1985.
TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 1 samples submitted.

SAMPLE NUMBER	AG PPM	AU-FIRE PPB
MIN-EN 31/85	1.2	6

Certified by



MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project 10 Date of report May 7, 1985.

File No. 5-142 Date samples received May 3/85.

Samples submitted by: Mr. Trifaux

Company: Trifco Minerals Ltd.

Report on: 5 rocks Geochem samples

..... Assay samples

Copies sent to:

1. Trifco Minerals Ltd., Coquitlam, B.C.
2.
3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: Major ICP Analysis.

Remarks:

COMPANY: TRIFCO MINES
PROJECT No:
ATTENTION: MR. TRIFAUZ

MIN-EN LABS ICP REPORT
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:LI26) PAGE 1 OF 3
FILE No: 5-142
DATE: MAY 7, 1985

(VALUES IN %)	AL2O3	BA	BE	CAD	CO	CR2O3	CU	FE2O3	K2O	MGO	MND2	MO
MINEN25 (NON-MAG)	16.78	.020	<.001	8.57	.005	<.01	.005	11.10	1.01	7.15	.23	<.001
MINEN26	.43	.005	<.001	29.14	<.001	<.01	.005	.71	.02	.68	.13	.005
MINEN27	20.01	.120	<.001	3.71	.005	.02	<.001	8.14	2.59	6.80	.21	<.001
MINEN28	15.97	.090	<.001	2.90	.005	<.01	<.001	3.45	3.43	1.36	.09	.005
MINEN29	16.47	.015	<.001	5.07	.005	<.01	.015	5.15	.34	2.71	.16	<.001

COMPANY: TRIFCO MINES
PROJECT No:
ATTENTION: MR. TRIFAUZ

MIN-EN LABS ICP REPORT
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:LI26) PAGE 2 OF 3
FILE No: 5-142
DATE: MAY 7, 1985

(VALUES IN %)	NA2O	NB	NI	P2O5	PB	RB	SI02	SN	SR	TIO2	V	W
MINEN25 (NON-MAG)	3.48	<.01	.0010	.37	.015	<.01	49.78	.005	.05	1.42	.015	.015
MINEN26	.10	<.01	.005	<.01	.035	<.01	46.98	<.001	.10	.02	<.001	.005
MINEN27	3.95	<.01	.015	.37	.005	.05	53.42	.005	<.01	1.63	.030	.015
MINEN28	3.61	<.01	.005	.14	.025	.03	67.26	<.001	.04	.54	.005	.015
MINEN29	4.02	<.01	.005	.09	<.001	.02	64.51	<.001	<.01	.55	.015	.015

COMPANY: TRIFCO MINES
PROJECT No:
ATTENTION: MR. TRIFAUZ

MIN-EN LABS ICP REPORT
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:LI26) PAGE 3 OF 3
FILE No: 5-142
DATE: MAY 7, 1985

(VALUES IN %)	ZN	ZR	MAG%	
MINEN25 (NON-MAG)	.005	.015	18.97	<i>Caustic</i>
MINEN26	.005	<.001	0	<i>Calc-silicate with TA</i>
MINEN27	.005	.020	0	<i>Caustic silica glass</i>
MINEN28	.005	.020	0	<i>fine grit cascade - some from mill</i>
MINEN29	.005	.010	0	<i>" cascade from body</i>

Summit Claims. Assessment works, 1984-1985.

STATEMENT OF QUALIFICATIONS

EXPLORATION & MINING.

Education: Belgium: Mining School of Chatelineau. 2 years. 1 diploma. Mining school and surveyor (mining) Tamines. 1 year - 1 diploma. University of Charleroi, Belgium. 1 Certificate. Mining, Sciences, Mathematics. The diplomas and certificate were sent to the Department of Mines in 1977-1978.

I passed the test of Identification of rocks and minerals with a certified Geologist of B.C. (B.C. Government geologist) in 1978. with success. I have an extensive experience in prospecting and mining with the following Companies in Zaire and Ruanda-Burundi:

- 1-La Compagnie Minere des Grands Lacs Africains. Brussels, Belgium.
- 2-La Compagnie Miniere Mirudi, Ruanda-Burundi. (Brussels, Belgium).
- 3-Explorations Miniere en Afrique Centrale. H. Henrion, Busoro, Ruanda.
- 4-De Borchgrace Tin Company, Kigali, Ruanda.

I prospected the granitic massifs of Ruanda-Burundi successfully for tin, columbite and tantalite, gold.

I described my methods of exploring in the 1978 report (Cariboo) related to the distances of lines and pits in prospecting (flying) and the systematic works done. I did the topographical maps, locations of discoveries new deposits in ancient mines in terraces, described nature of rocks formations and researched for extensions of deposits.

I opened several mines in gold, cassiterite, wolframite, beryllium and was very successful in improving the methods of exploitation.

In 1959, I started prospecting in British Columbia, for gold in the Cariboo. I evaluated a placer flat in the Quesnel area, on the Cottonwood. for a Company. Today, I explore in the Cariboo, New Westminster mining divisions.

I do my geochemical samplings according to the recommendations of Geologists and Geochemists and orient and organize my works according to the results of Geochem surveys (analyzes from Laboratories).

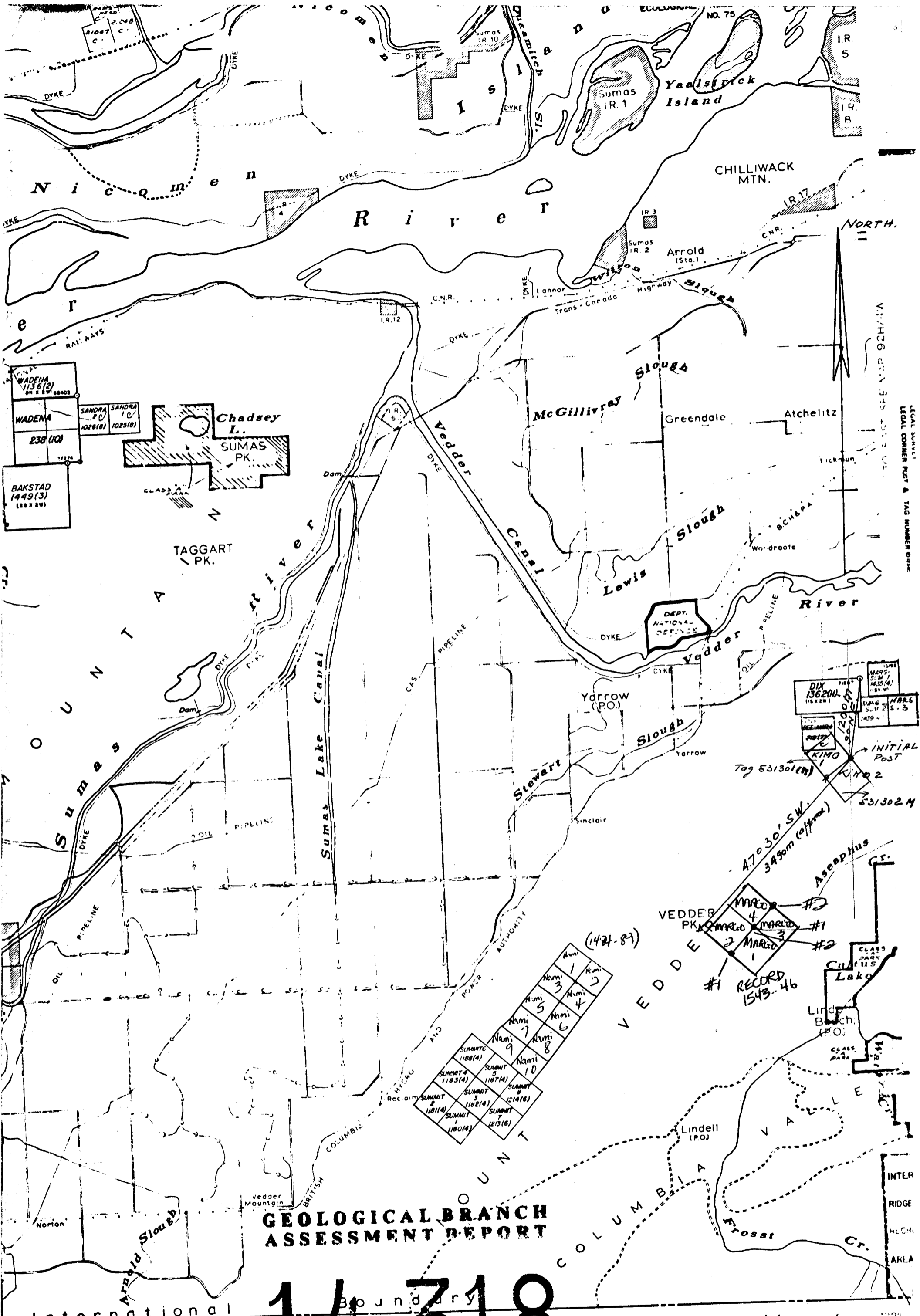
I keep informed in literatures such as the E/J mining Journal, the CIM magazine, from the literatures of the Department of Mines in Victoria, books from the geological Survey of Canada, from newspapers well versed in mining and Costs etc...

I consult professionals and use the exploration equipment available in British Columbia, to prospectors: topolite, Geiger counter, altimeter, aerials maps with stereoscope, mineral light for fluorescence, I pan the gravels for minerals and the hardpans when I discover them.

I do my staking, and sketch mappings myself my assessment works reports.

When I will need a geophysical survey it will be done by a professional, for any evaluation of reserves it will be done by geologists.

In tin mining, I worked in open-pit mines, in placers, in quartz veins underground and all the surveys and drawing of plans were done by myself. All the hydraulic works for placer mining were executed by myself with heavy equipment driven by the natives. The plottings were done by me.



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,318

Map no 1
Claims location

This map is prepared to serve as a guide to the positions of located mineral claims and Placer Mining Leases only. Unsurveyed.

92G/1E

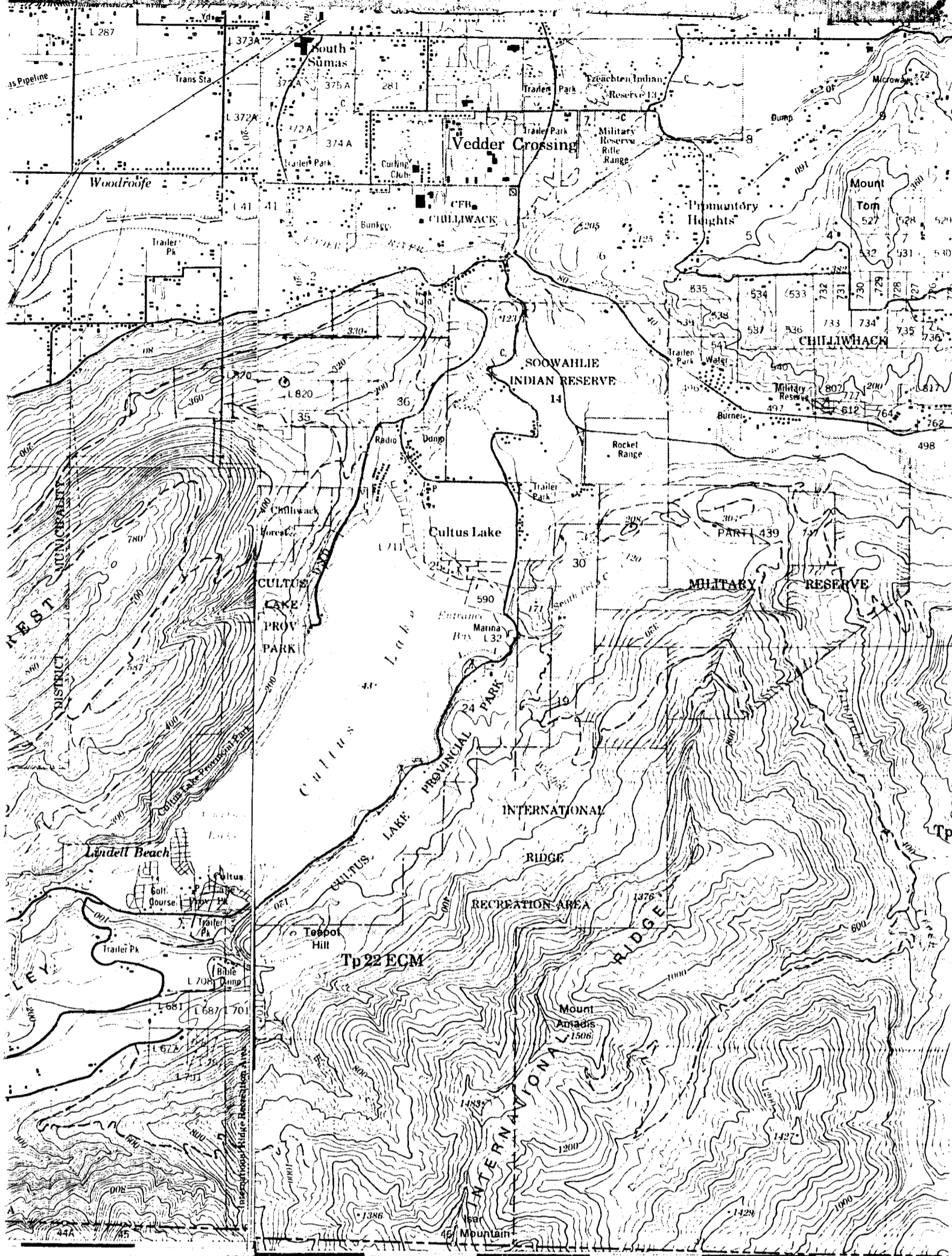
DEPARTMENT OF MINES AND PETROLEUM RESOURCES
VICTORIA B.C.

WEDDER

LEGAL CORNER POST & TAG NUMBER ONLY

INTER
RIDGE
HIGHL
AREA

Map No 2



929 -1E

92 H - /SW

55'

Établie par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, le MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, à l'aide de photographies aériennes prises en 1976. Vérification en 1978. Publié en 1980.

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SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES. Topographs taken in 1976. Culture check 1978.

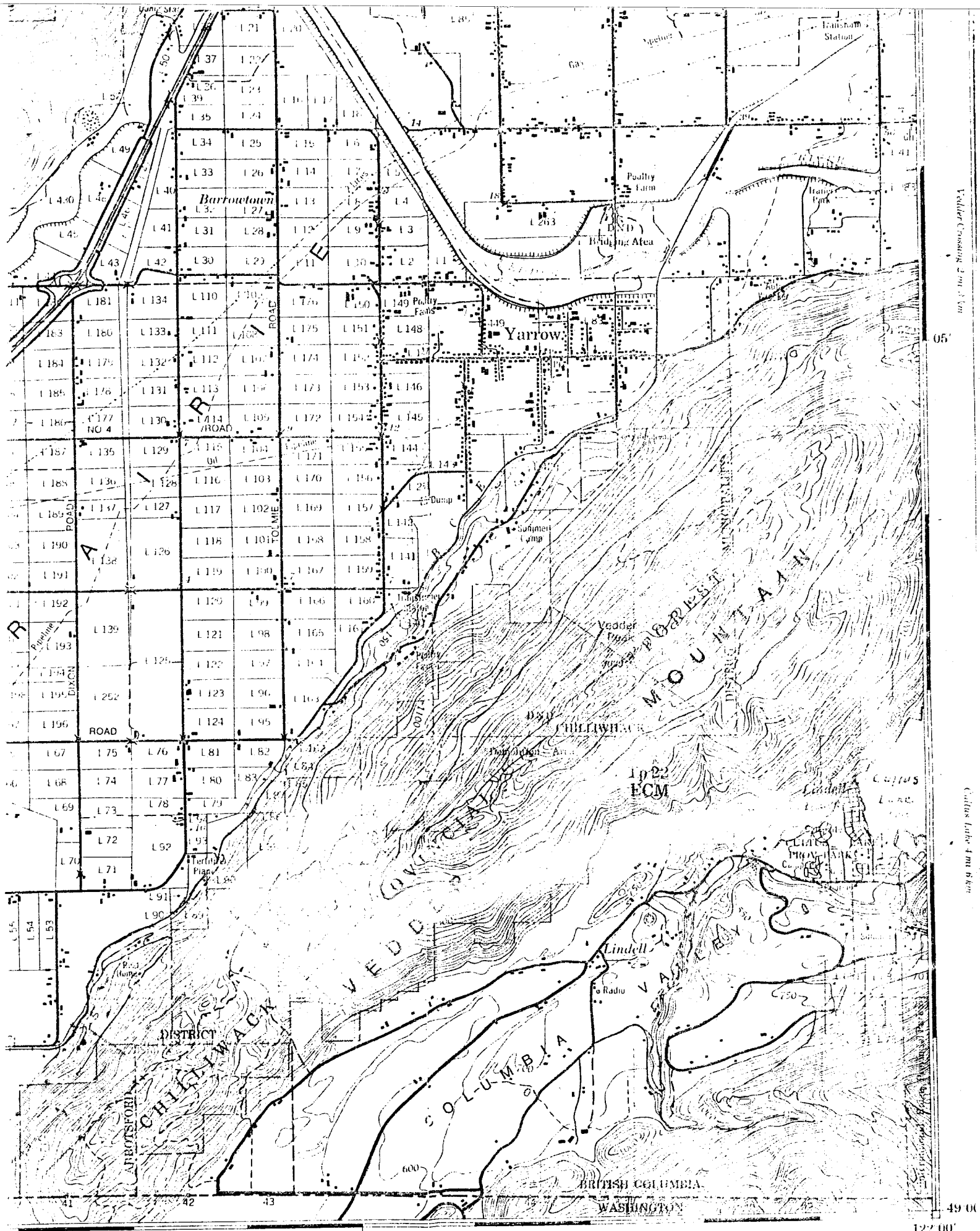
Obtained from the Canada Map Office, Energy, Mines and Resources, Ottawa, Map dealer.

By the Queen in Right of Canada, Energy, Mines and Resources.

Map. No 2
 MSP - 92 H / SW }
 in part Chilliwack Lake }
 in part - 929 -1E.

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

14,318



Map no 3 - Topography
 Mission 92511
 Section 4
 Scale 1:50,000

HAUTEUR DES COURBES 50 PIEDS
 au dessus du niveau moyen de la mer
 au géodésique nord américain 1927
 en transverse de Mercator

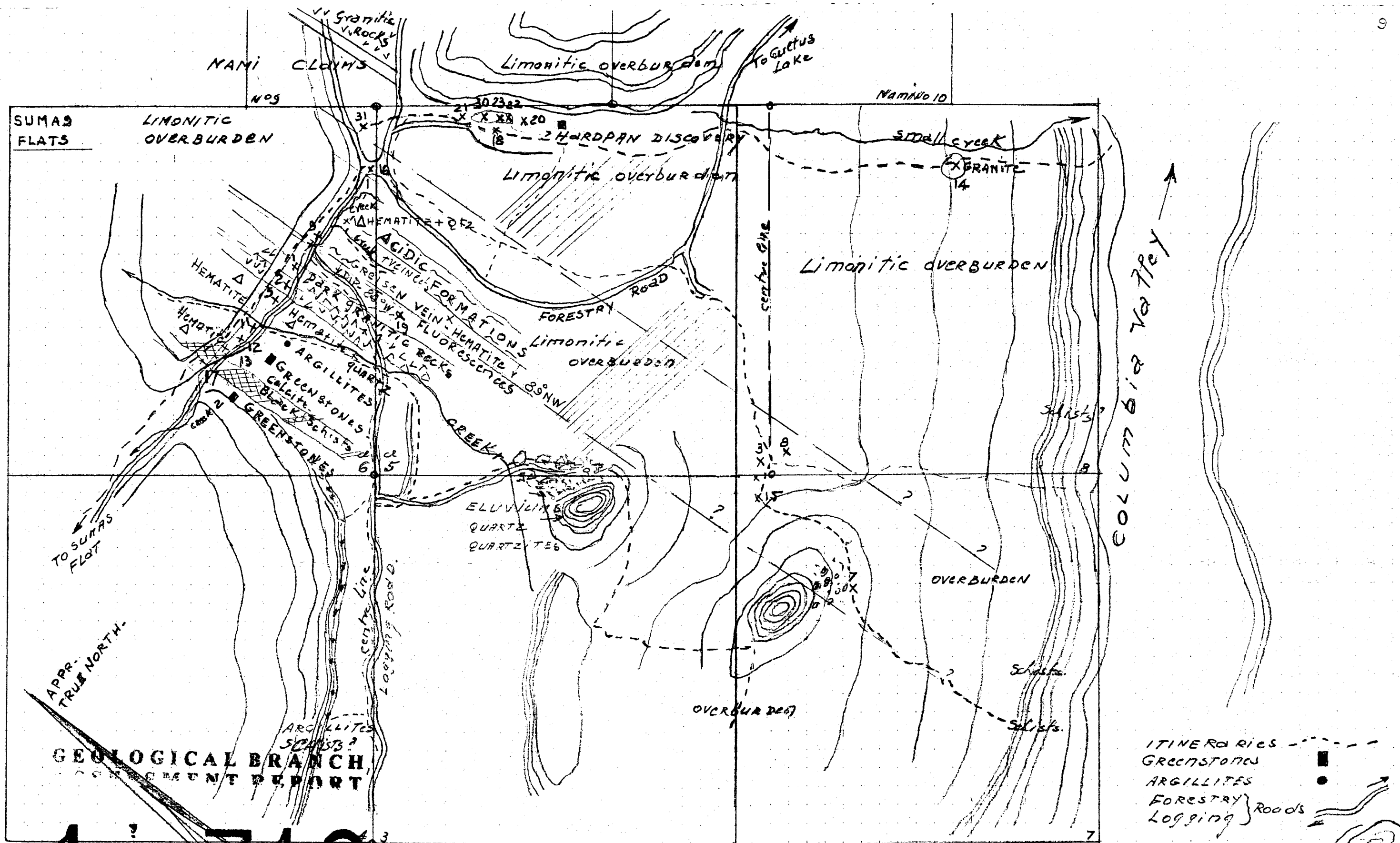
Établie par la DIRECTION DES LEVES ET DE LA TOPOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES PÊCHERIES MARITIMES. Mise à jour l'aide de photos aériennes prises en 1952 et 1953. Carte révisée des années 1973. Plus récentes à partir de 1973. Publié par le Service géologique des États-Unis. U.S. GEOLOGICAL SURVEY OF THE UNITED STATES.

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GEOLOGICAL SURVEY OF CANADA
 DEPARTMENT OF ENERGY, MINES AND TECHNICAL SERVICES

14,318



14,318

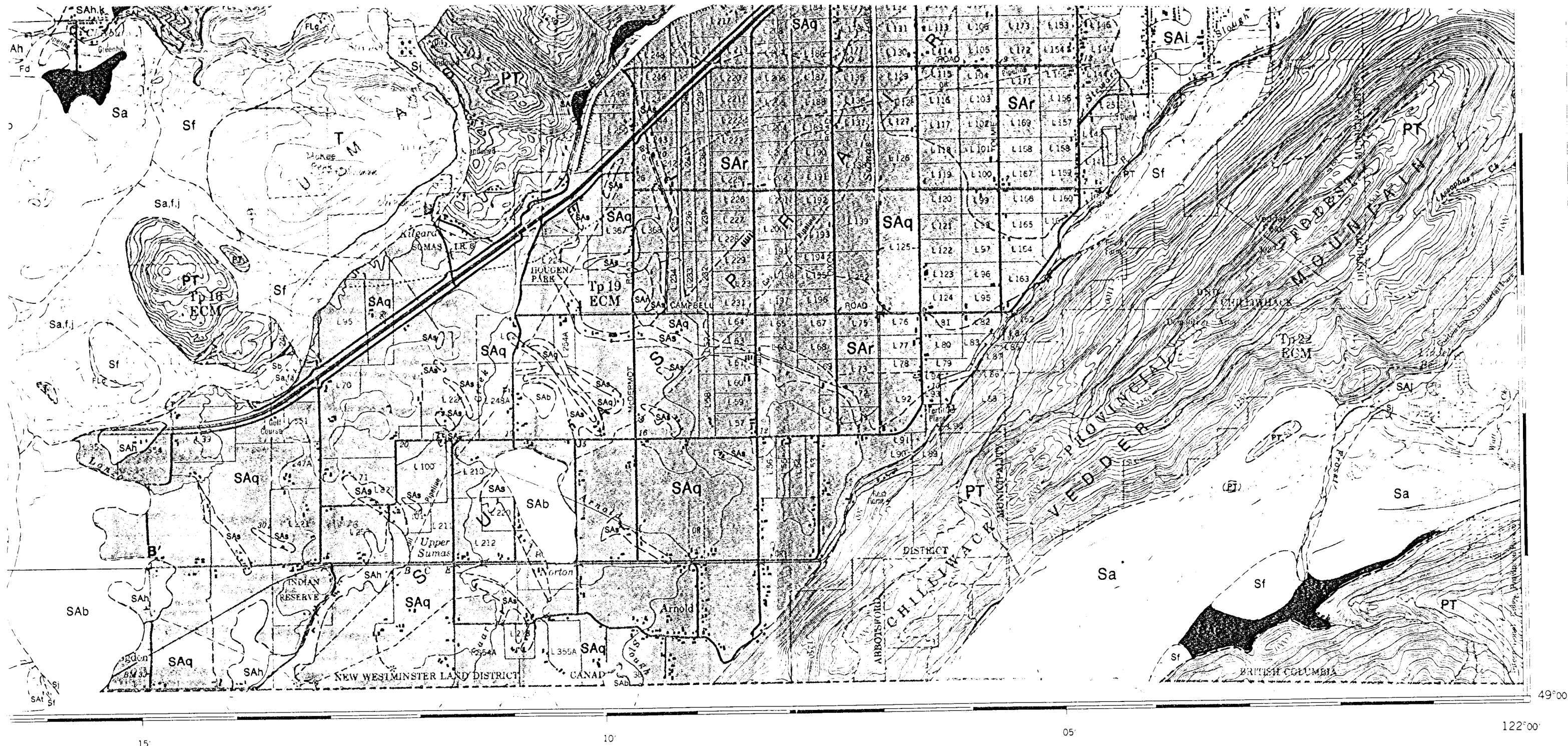
VEDDER MOUNTAIN.
SUMMIT CLAIMS 5, 6, 7, 8.
SKETCH MAP.
LOCAL GEOLOGY
 & Claims
 SAMPLES LOCATION X
 CLAIMS POSTS O

GRANITIC ROCKS. [Symbol]
 LIMONITIC OVERBURDEN. [Symbol]
 HARDPAN. [Symbol]
 ELUVIUMS. [Symbol]
 BLACK SCHISTS. [Symbol]
 ACIDIC ROCKS + VEINLETS [Symbol]
 GREISENS WITH VEINS [Symbol]

ITINERARIES - - - - -
 GREENSTONES [Symbol]
 ARGILLITES [Symbol]
 FORESTRY } Roads [Symbol]
 Logging } [Symbol]
 ROUGH TOPOGRAPHY [Symbol]

SCALE - 2cms = 100m.
 JUNE 29 - 1985.
 BY R. TRIFAUX [Signature]

Map no. 4
 Local geology
 claims 5, 6, 7, 8



Printed by the Surveys and Mapping Branch, 1980

MAP 1485A
 SURFICIAL GEOLOGY
MISSION
 BRITISH COLUMBIA

Scale 1:50,000



Universal Transverse Mercator Projection
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GEOLOGICAL BRANCH
 ENVIRONMENT REPORT

14,318

92 G/6	92 G/7	92 G/8	92 H/5
92 G/3	92 G/2	92 G/1	92 H/4
1486A	1484A	1485A	1487A
92 B/14			
U.S.A.			

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND
 INDEX TO GEOLOGICAL SURVEY OF CANADA MAPS

Map no 5

MAP 1485A
MISSION
 BRITISH COLUMBIA

Mo
Ag
Zn

1964

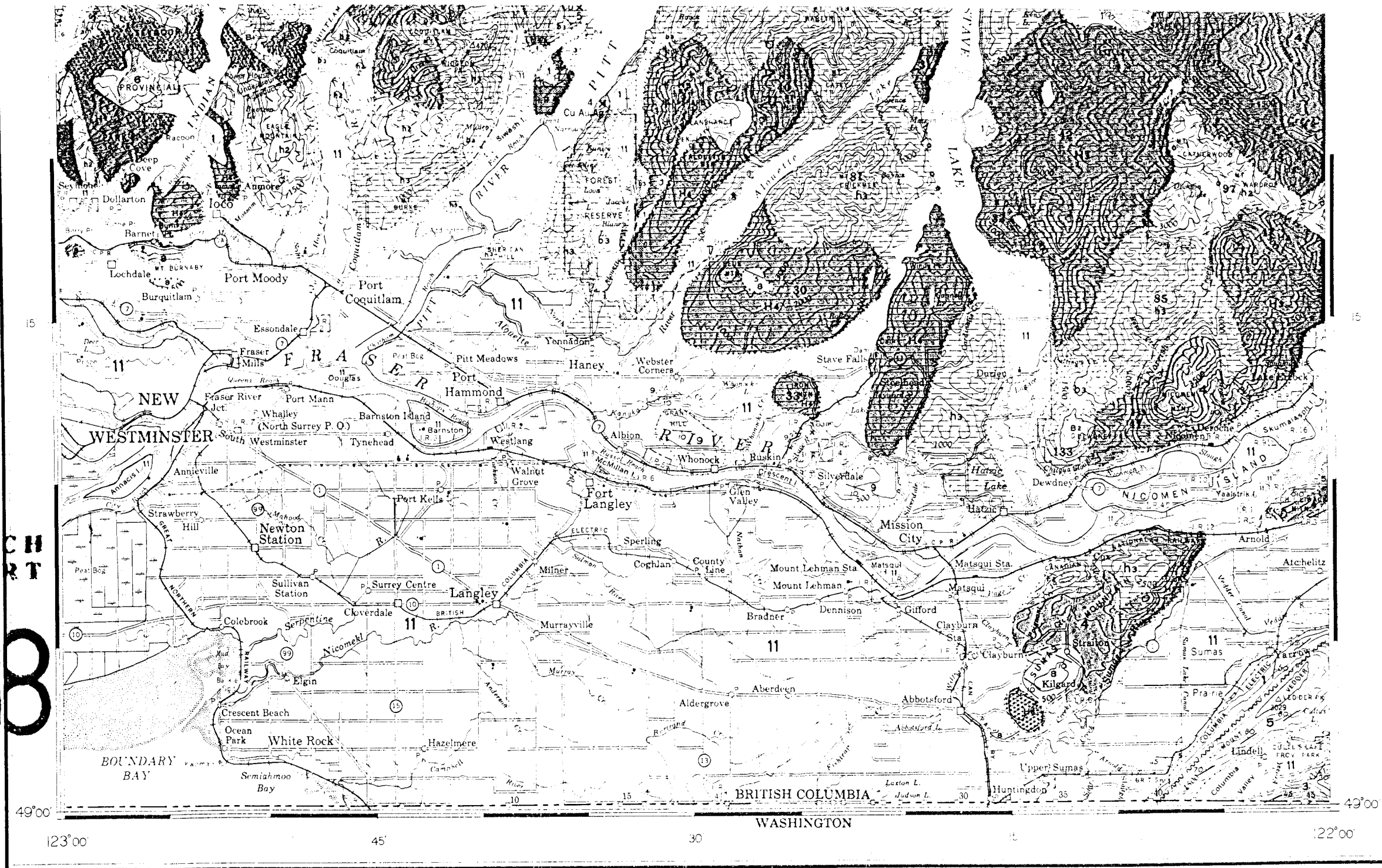
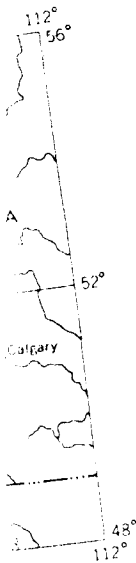
Route No.
⑦

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

5572
14,318

Jan. 1959
1963

Annually
in the



PUBLISHED, 1965
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DIRECTOR, GEOLOGICAL SURVEY OF CANADA, OTTAWA

MAP 1151A

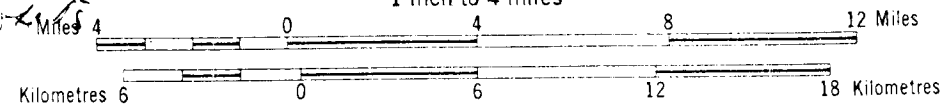
PRINTED BY THE SURVEYS AND MAPPING BRANCH

1. TWIN ISLAND Group. Hornblende, granodite, amphibolite, gneiss
2. FIRE LAKE Group. Greenstone, slate, chloritic siltstone, granodite, andesite, minor limestone
3. CULTEUS LAKE FORMATION. Shaly argillite, slate, shaly limestone and silicified argillite
11. Shaly limestone and D
alluvial marine & glacial deposits

GEOLOGY
PITT LAKE
(Vancouver, East Half)
BRITISH COLUMBIA

Map no 6

Scale 1:253,440
1 inch to 4 miles



PLEISTOCENE

SUMAS DRIFT

Sa,e,i *Recessional glaciofluvial deposits: Sa, recessional channel and floodplain deposits laid down by proglacial streams; gravel and sand up to 40 m thick, normal range of thickness 5-25 m; Se, proglacial deltaic gravel and sand up to 10 m thick; Si, similar to Sa except that it is pitted outwash*

Sb,c **Sd** *Recessional ice-contact deposits: Sb, ice-contact gravel and sand containing till lenses and clasts of Fort Langley glaciomarine sediments (FLc), 2 to 5 m thick, overlying FLc; Sc, ice-contact gravel and sand containing till lenses and clasts of Fort Langley glaciomarine sediments (FLc), 2 to 5 m thick, overlying FLb,e; Sd, ice-contact gravel and sand containing till lenses and clasts of Fort Langley glaciomarine sediments (FLc), 5 to 25 m thick, in the form of kames*

Sh *Glaciolacustrine deposits: Sh, silt, clayey silt, silty clay, and sand, minor gravel, 5 to 35 m thick*

Sf,g *Lodgment and minor flow till: Sf, sandy till and substratified drift, 2 to 10 m thick; Sg, sandy till and substratified drift 0.5 to 2 m thick, in most places overlying Fort Langley glaciomarine sediments (FLc)*

Sj *Advance glaciofluvial deposits: Sj, gravel and sand up to 40 m thick, proglacial channel fill, floodplain, and deltaic sediments probably all included here*

FORT LANGLEY FORMATION

FLa,c,d *Glaciomarine deposits, marine sediments, and minor till; FLa, lodgment till and flow till with sandy loam matrix; may contain clasts of and interbedded with FLc and FLd; FLc, glaciomarine stony silt to loamy clay, 8 to 100 m thick; FLd, silty clay to sandy loam up to 30 m thick, generally intimately intermixed with FLc and shown as a separate unit only where it occurs in mappable exposures*

FLb,e *Glaciofluvial sediments: FLb, channel fill, floodplain, and ice-contact gravel and sand, in places containing clasts of till and glaciomarine sediments, 5 to 20 m thick, interbedded with FLa,c,d; FLc, proglacial deltaic gravel and sand, up to 60 m thick, in places interbedded with FLa,c,d*

VASHON DRIFT

Va,b *Till and glaciofluvial deposits: Va, lodgment till with sandy loam matrix, up to 10 m thick, overlain in many places by gravelly ablation till up to 3 m thick. Vashon Till exposed in the northwest part of the map area is drumlinized. Vb, glaciofluvial sandy gravel and gravelly sand, mainly proglacial advance deltaic deposits, up to 25 m thick*

UNDIVIDED PRE-VASHON DRIFT

UPV *Till, glaciofluvial, glaciolacustrine, fluvial, and organic sediments*

TERTIARY

T *Tertiary bedrock, basalt, sandstone, siltstone, shale, and conglomerate, mantled in 90 to 95 per cent of the area by 1 to 5+ m of glacial drift (S and V), colluvium (see note SAM,p) and eolian deposits (see note SAT)*

PRE-TERTIARY

PT *Mesozoic and Upper Paleozoic bedrock; includes sedimentary, volcanic, granitic, and metamorphic rocks, mantled in 90 per cent of the area by deposits, 1 to 5 m thick, of glacial (S and V), colluvial (SAM,p), and eolian (SAT) sediments*

* Unit used only in cross-section

NOTES

1. Where it was not feasible to separate lithologic units (units intimately intermixed or occurring in near vertical exposures) multiple units have been used, eg., Sa, f, j and FLa, b, c, d
2. Mixed units consisting of more than one stratigraphic unit are shown as multiple units, eg. - FLc and Sg north of Hatzic Lake
3. None of the Pre-Vashon lithostratigraphic units shown in the table of Quaternary Stratigraphy are exposed at the surface in the Mission map area; however, drillhole data indicate Pre-Vashon formations are probably widespread at depth
4. The boundaries between Sumas Drift and Vashon Drift in the northwest part of the map area are placed to separate drumlinized till (Vashon) from nondrumlinized drift (Sumas). The upper limit on the Sumas Drift is not known
5. All the steep slopes are subject to landslides; Fraser and Sumas valleys are subject to flooding

Geological boundary (mainly gradational).....
Trend of drumlinoid feature, (direction of ice known).....

Geology by J.E. Alms, 1968-55, 1974-76

GEOLOGICAL BRANCH ASSESSMENT REPORT

Additional information (especially drillhole logs) from E.C. Halstead 1954-76 and Province of British Columbia Soils Survey 1956-65

Geological cartography by H. Kovachic, Geological Survey of Canada

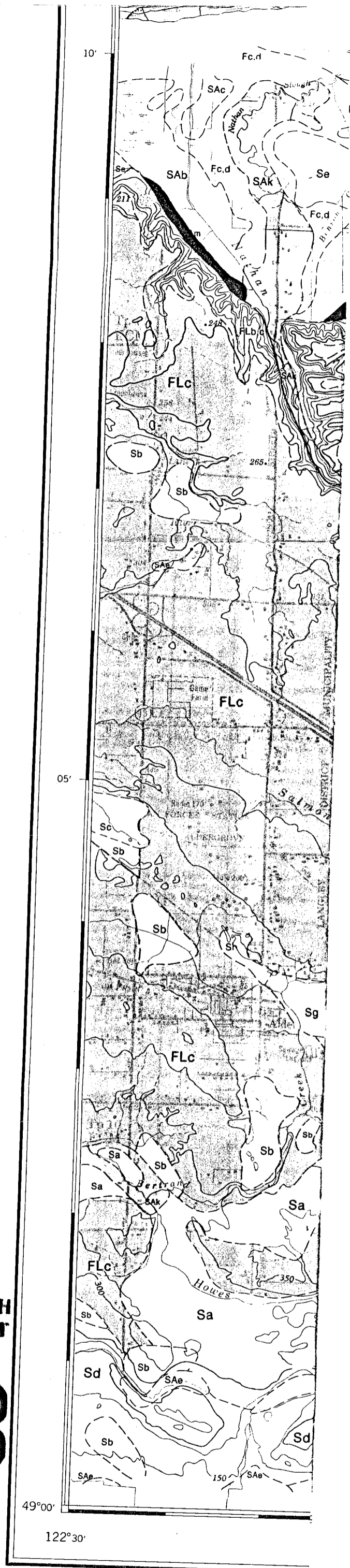
Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

Base-map at the same scale published by Surveys and Mapping Branch in 1976

Copies of the topographical edition of this map may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa

Approximate magnetic declination 1978, 22°17' East decreasing 4.3' annually

Elevation in feet above mean sea level



Copies of this map may be obtained from the Geological Survey of Canada: 601 Booth Street, Ottawa, Ontario K1A 0E8 3303-33rd Street N.W., Calgary, Alberta T2L 2A7 100 West Pender Street, Vancouver, B.C. V6B 1R8

Map no 7
Legend of Pitt
Foto Geology
Map 1151A